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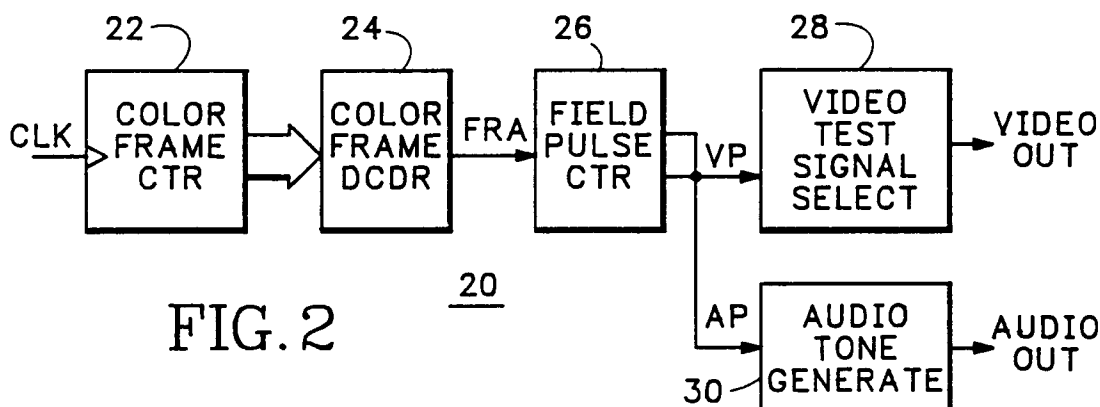
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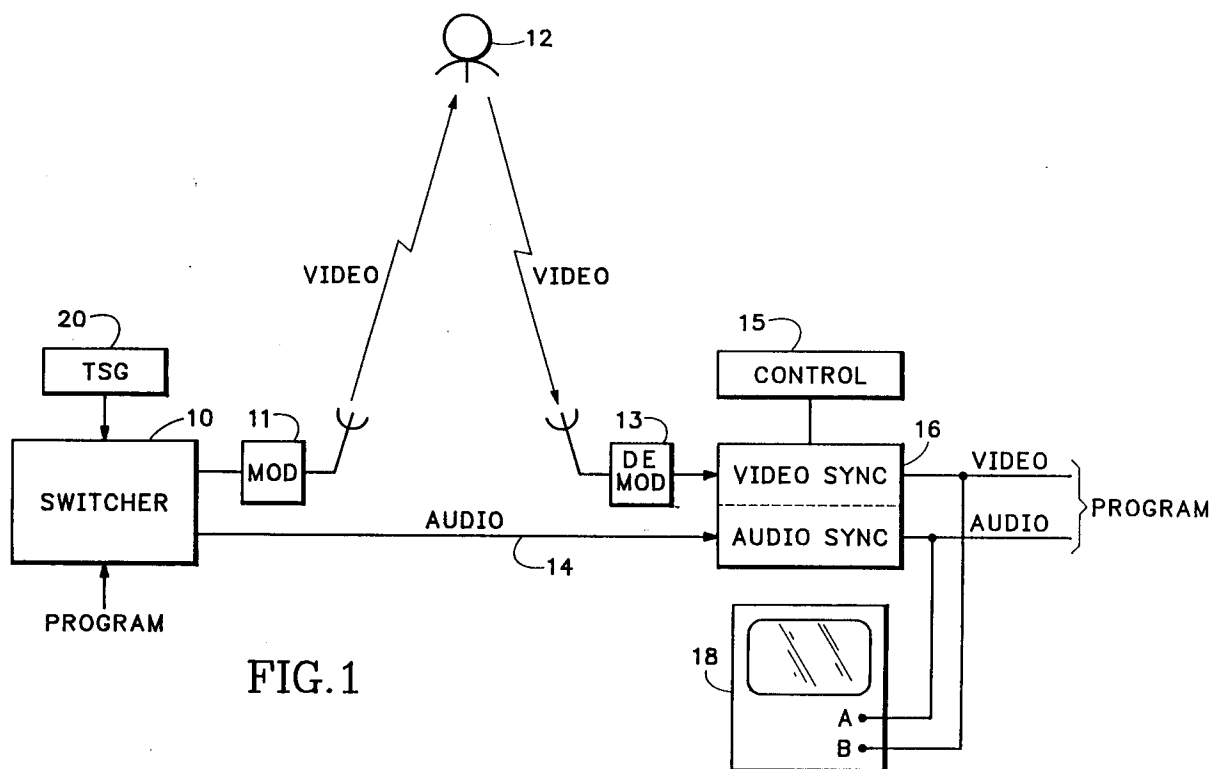
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**al**  
**c/o Ladas & Parry, Altheimer Eck 2**  
**W-8000 München 2(DE)**(54) **Timing audio and visual signals with coincidental markers.**

(57) A method for timing audio and video component signals of a television signal with coincidental markers generates (22-24) a field pulse every Nth field of the television signal at the transmitter. The duration of the field pulse is approximately one video field, and is used to enable an audio tone generator (30) for the one video field and to switch (10) a distinctive video signal, such as a flat video signal, into the video component signal for the one video field. At

the receiver the two component signals are input through a synchronizer (16) to a waveform display device (18), such as an oscilloscope, to observe the time differential between the two markers in the audio and video component signals. The audio component signal is delayed by the synchronizer until the markers are again in time coincidence as at the transmitter.

**FIG. 2**





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## EUROPEAN SEARCH REPORT

Application Number

EP 90 30 2105

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-4 703 355 (J. CARL COOPER) * column 1, line 50 - column 2, line 12 * * column 2, line 58 - column 3, line 42 * * column 5, line 46 - column 7, line 28 * * figures 3-4 * ---	1	H04N7/04
A	PATENT ABSTRACTS OF JAPAN vol. 9, no. 173 (E-329)(1896) 18 July 1985 & JP-A-60 046 683 ( SONY ) 13 March 1985 * abstract * ---	1,3,6	
A	US-A-4 313 135 (J. CARL COOPER) * abstract * * column 2, line 11 - column 4, line 14; figures 1-2 * ---	1,3-6	
A	EP-A-0 278 171 (FERGUSON LIMITED) * abstract; figures 5-6 * -----	1,3-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H04N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 JUNE 1992	Examiner SCHINNERL A.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			